

In the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application.

1-18. (Cancelled)

19. (Currently Amended) A method of tracking a network communication line by a first terminal simulating original browser activity of a second terminal, the method comprising:

accessing the network communication line,

tracing TCP/IP data packets routed through the network communication line,

selecting TCP/IP data packets relating to an IP address as identified data packets,

selecting from the identified data packets current requests for new connections as original requests,

selecting from the identified data packets current web page components indicating new addresses as new navigation components,

organizing the new navigation components into at least a false new components category comprising at least embedded objects or frames and a true new components category comprising at least hyperlinks,

organizing the original requests into at least a primary request category comprising original requests matching those in the true new components category or original requests failing to match any of those in the true new connection components category and belonging to HTTP or POST type and a secondary request[[s]] category comprising original requests matching those in the false new components category or original requests failing to match any of those in the false new connection components category and not belonging to HTTP or POST type,

selecting, from the identified data packets, HTML data files relating to primary requests as respective primary responses,

generating virtual secondary requests according to the respective secondary responses,
selecting respective secondary responses from the identified data packet responses
relating to secondary virtual requests, and
simulating web page presentation on the first terminal agent according to the respective
secondary responses.

20. (Currently Amended) The method of claim 19 comprising:
selecting virtual secondary requests not matching any respective ~~original~~ secondary
responses as unanswered secondary requests,
retrieving content ~~form~~ from a local cache of the first terminal agent as virtual cache if
original browser local cache was used relating to unanswered secondary requests,
simulating web page presentation on the first agent terminal according to data relating to
the unanswered secondary requests if the virtual cache contains ~~such~~ said data, and
displaying error messages ~~at the respective places~~ on the first agent terminal if the virtual
cache does not contain data relating to the unanswered secondary requests.

21. (Currently Amended) The method of claim 20 comprising:
addressing via the network communication line to an appropriate Internet server for
receiving respective simulated responses relating to unanswered secondary requests if the virtual
cache does not contain data relating to the unanswered secondary requests.

22. (Currently Amended) The method of claim 19 comprising:
selecting from identified TCP/IP data packets data relating to network messages,
transforming the data relating to network messages ~~message data~~ into a text data file, and
displaying the text data file on ~~[[a]]~~ the first terminal agent.

23. (Currently Amended) The method of claim 19 wherein ~~the~~ a network comprising the network communication line comprises a local-area network (LAN) and the first and second terminal terminals ~~is~~ are connected to the ~~extended network communication line~~.

24. (Currently Amended) The method of claim 19 wherein the network communication line comprises an external communication line comprising at least one of a telephone line, an ~~IZDN~~ ISDN line, and an optical line.

25. (Currently Amended) The method of claim 19 wherein ~~the~~ a network comprising the network communication line comprises a local-area network (LAN) and the first terminal agent is situated in a location different from that of the second terminal.

26. (Currently Amended) The method of claim 19 wherein ~~an~~ the IP address is identified by a communication line provider (~~ISP~~).

27. (Currently Amended) The method of claim 19 wherein ~~an~~ the IP address is identified by a communication line owner.

28. (Currently Amended) The method of claim 19 wherein ~~an~~ the IP address ~~are~~ is an address[[es]] of a web site visitor[[s]] and identified by a web site owner.

29. (Currently Amended) A network probe terminal for tracking a network communication line and simulating an original browser activity of a terminal, comprising:
connection means for accessing the network communication line,

monitoring means for tracing TCP/IP data packets routed through the network communication line,

a first filtering module for selecting new connection requests as original requests and web page components indicating new addresses as new navigation components out of TCP/IP data packets relating to an IP address as identified data packets,

first sorting means for organizing the new navigation components into at least a false new components category comprising at least embedded objects or frames and a true new components category comprising at least hyperlinks,

second sorting means for organizing the original requests into at least a primary request category comprising original requests matching those in the true new components category or original requests failing to match any of those in the true new connection components category and belonging to HTTP or POST type and a secondary request[[s]] category comprising original requests matching those in the false new components category or original requests failing to match any of those in the false new connection components category and not belonging to HTTP or POST type,

a classifying module for selecting HTML data files relating to primary requests as primary responses from the identified data packets,

a request generating module for creating virtual secondary requests according to the respective secondary responses,

a second filtering module for selecting responses relating to secondary virtual requests as secondary responses from identified data packets, and

displaying means for simulating web page presentation on ~~the~~ a terminal agent according to the secondary responses.

30. (Currently Amended) The device of claim 29 wherein the second filtering module comprises means for selecting virtual secondary requests currently not matching any respective original responses as unanswered secondary requests.

31. (Currently Amended) The device of claim 29 comprising a cache module for activating ~~terminal agent~~ a local cache in the terminal agent in case ~~the~~ an original browser local cache has been used in response to unanswered secondary requests.

32. (Currently Amended) The device of claim 31 comprising a retrieval module for addressing via the network communication line to an appropriate internet server and receiving respective simulated responses relating to unanswered secondary requests if ~~the~~ a virtual local cache does not contain data.

33. (Currently Amended) The device of claim 29 comprising an electronic message module for selecting from identified TCP/IP data packets data relating to network messages, transforming the data relating to network messages ~~message data~~ into a text data file, and displaying the text data file on a the terminal agent.

34. (Currently Amended) The device of claim 29 wherein ~~an~~ the IP address is identified by a communication line provider (~~ISP~~).

35. (Currently Amended) The device of claim 29 wherein ~~an~~ the IP address is identified by a communication line owner.

36. (Currently Amended) The device of claim 29 wherein the IP address[[es]] ~~comprise~~
is an address[[es]] of a web site visitor[[s]] and identified by a web site owner.